Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092721\
Data File : BG050272.D
Acq On : 27 Sep 2021 8:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 10:57:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020513

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	34677	20.000	ng/ul	0.00
20) Naphthalene-d8	11.119	136	143863	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.908	164	100798	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.652	188	241537	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.959	240	246308	20.000	ng/ul	# 0.00
88) Perylene-d12	25.414	264	246274	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.651	96	6327	8.823	ng/uL	0.00
4) Pyridine-d5	4.086	84	50017	23.143	ng/ul	-0.01
7) Phenol-d5	7.423	99	58079	21.094	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.605	67	35332	22.109	ng/ul	0.00
11) 2-Chlorophenol-d4	7.817	132	40702	20.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.980	113	45224	20.851	ng/ul	0.00
21) Nitrobenzene-d5	9.462	128	18294	20.584	ng/ul	0.00
24) 2-Nitrophenol-d4	10.185	143	19885	20.257	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	43448	18.974	ng/ul	0.00
31) 4-Chloroaniline-d4	11.242	131	61822	20.551	ng/ul	0.00
46) Dimethylphthalate-d6	14.309	166	138440	20.208	ng/ul	0.00
49) Acenaphthylene-d8	14.603	160	183547	21.314	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	23424	20.265	ng/ul	0.00
60) Fluorene-d10	15.895	176	131134	20.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.995	200	19255	18.817	ng/ul	0.00
73) Anthracene-d10	17.752	188	215857	20.982	ng/ul	0.00
81) Pyrene-d10	20.020	212	266514	19.985	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.167	264	255836	20.375	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.692	88	7153	7.907	ng/uL	97
5) Pyridine	4.109	79	51888	23.151	ng/ul#	86
6) Benzaldehyde	7.423	77	44545	25.489	ng/ul	96
8) Phenol	7.447	94	58815	21.087	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.699	93	46488	22.427	ng/ul	94
12) 2-Chlorophenol	7.846	128	42537	20.169	ng/ul#	79
13) 2-Methylphenol	8.716	108	44305	20.359	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.816	45	62668	22.852	ng/ul#	89
16) Acetophenone	9.121	105	72834	21.982	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.098	70	40312	21.402	ng/ul	99
18) 4-Methylphenol	9.045	108	46904	21.161	ng/ul	84
19) Hexachloroethane	9.385	117	18106	20.008	ng/ul	97
22) Nitrobenzene	9.503	77	54116	21.224	ng/ul	97
23) Isophorone	10.038	82	108896	20.248	ng/ul#	94
25) 2-Nitrophenol	10.220	139	20177	19.680	ng/ul#	82
26) 2,4-Dimethylphenol	10.261	107	55503	20.246	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.508	93	62334	21.232	ng/ul	99
29) 2,4-Dichlorophenol	10.754	162	43816	19.859	ng/ul	96
30) Naphthalene	11.166	128	153009	20.736	ng/ul	99
32) 4-Chloroaniline	11.271	127	62782	20.899	ng/ul	96
33) Hexachlorobutadiene	11.448	225	35029	19.138	ng/ul	96
34) Caprolactam	12.053	113	13584m	19.525	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	48644	20.329	ng/ul	100
36) 2-Methylnaphthalene	12.752	142	104468	20.443	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.969	142	106484	20.637	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.110	216	63866	20.125	ng/ul#	97
40) Hexachlorocyclopentadiene	13.093	237	40978	18.719	ng/ul	94
41) 2,4,6-Trichlorophenol	13.346	196	37655	20.122	ng/ul	91
42) 2,4,5-Trichlorophenol	13.410	196	39789	19.762	ng/ul	93
43) 1,1'-Biphenyl	13.745	154	144591	21.146	ng/ul#	98
44) 2-Chloronaphthalene	13.792	162	113429	20.965	ng/ul	97
45) 2-Nitroaniline	13.986	65	27846	21.617	ng/ul	94
47) Dimethylphthalate	14.350	163	145195	21.040	ng/ul	99
48) 2,6-Dinitrotoluene	14.474	165	23885	21.864	ng/ul#	84
50) Acenaphthylene	14.632	152	183386	21.079	ng/ul	95
51) 3-Nitroaniline	14.803	138	26800	21.942	ng/ul	99
52) Acenaphthene	14.973	153	122702	21.543	ng/ul	95
53) 2,4-Dinitrophenol	14.997	184	12690	18.347	ng/ul#	71
55) 4-Nitrophenol	15.085	109	22883	19.264	ng/ul#	75
56) Dibenzofuran	15.302	168	180878	21.221	ng/ul	92
57) 2,4-Dinitrotoluene	15.255	165	34533	22.306	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.519	232	34624	19.115	ng/ul	90
59) Diethylphthalate	15.707	149	144780	20.407	ng/ul	95
61) Fluorene	15.948	166	141191	21.143	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.937	204	78460	20.872	ng/ul	91
63) 4-Nitroaniline	15.960	138	27976	22.250	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	16.013	198	19799	19.259	ng/ul#	88
67) N-Nitrosodiphenylamine	16.148	169	127064	20.805	ng/ul	98
68) 4-Bromophenyl-phenylether	16.836	248	48959	19.548	ng/ul	95
69) Hexachlorobenzene	16.947	284	55797	20.108	ng/ul	99
70) Atrazine	17.094	200	52899	19.631	ng/ul	94
71) Pentachlorophenol	17.288	266	31011	17.514	ng/ul	93
72) Phenanthrene	17.693	178	253263	21.127	ng/ul	97
74) Anthracene	17.787	178	248832	20.842	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.716	216	70427	20.511	ng/uL	89
76) Pentachlorobenzene	15.220	250	66656	20.133	ng/uL	97
77) Carbazole	18.052	167	231328	21.901	ng/ul	99
78) Di-n-butylphthalate	18.598	149	258395	21.217	ng/ul	98
80) Fluoranthene	19.691	202	325677	19.263	ng/ul#	93
82) Pyrene	20.049	202	325107	19.555	ng/ul#	92
83) Butylbenzylphthalate	20.931	149	108721	19.412	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.847	252	113584	21.533	ng/ul	94
85) Benzo(a)anthracene	21.941	228	311721	21.015	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.830	149	159548	19.957	ng/ul	97
87) Chrysene	22.006	228	297335	20.677	ng/ul	96
89) Di-n-octyl phthalate	23.128	149	265239	21.971	ng/ul	100
90) Benzo(b)fluoranthene	24.303	252	305282	21.177	ng/ul#	98
91) Benzo(k)fluoranthene	24.380	252	279409	20.641	ng/ul	98
93) Benzo(a)pyrene	25.243	252	285145	20.825	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.368	276	316474	19.779	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.438	278	275608m	19.985	ng/ul	
96) Benzo(g,h,i)perylene	30.596	276	268578	19.619	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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